

ABSTRACT OF DISCLOSURE

A head lamp device includes: a swivel lamp 3R, 3L having a projector lamp 30 capable of controlling an irradiating direction or an irradiating range of light
5 emitted from a light source 17; an actuator 4 including a brushless motor and a gear mechanism for deflecting the projector lamp 30; a Hall element for detecting a rotary range of the brushless motor; and an abnormality judgment means for judging an abnormality of the actuator 4
10 according to a rotary range of the brushless motor detected by the Hall element when the brushless motor is driven according to a predetermined condition. A cause of the abnormality of the actuator 4 can be properly judged without using a potentiometer, and AFS can be
15 properly controlled.